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PATENT
Attorney Docket No.: 19546-020110US

Assistant Commissioner for Patents
Washington, D.C. 20231

On February 15, 2001

TOWNSEND and TOWNSEND and CREW LLP

By: Thane Curran Can

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

THOMAS A. KEAN

Application No.: 09/747,759

Filed: December 21, 2000

For: METHOD AND APPARATUS
FOR SECURE
CONFIGURATION OF A FIELD
PROGRAMMABLE GATE
ARRAY

Examiner: Unassigned

Art Unit: Unassigned

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination of the above-referenced application, please enter the following amendments.

IN THE SPECIFICATION:

Please replace the paragraph beginning on page 4, line 20 with the following rewritten paragraph:

-- The security circuit may encrypt the unencrypted configuration data using the triple data encryption standard algorithm in a cipher block chaining mode algorithm.--

IN THE CLAIMS:

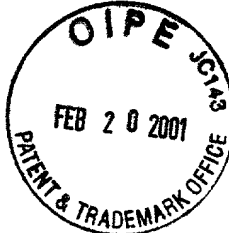
Please amend claim 37 as follows:



09747759-02001

1 37. (Amended) A method of operating a integrated circuit comprising:
2 receiving first encrypted configuration data from a network;
3 decrypting the first encrypted configuration data to obtain unencrypted
4 configuration data using a first security key using user programmed circuitry of the integrated
5 circuit; and
6 encrypting the unencrypted configuration data using a second security key and a
7 fixed security circuit of the integrated circuit to obtain second encrypted configuration data.

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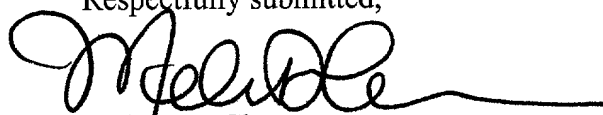
REMARKS

Claims 1-55 are pending in this application. The written description has been amended to make an editorial correction. Claim 37 has been amended. Support for the amendment can be found in the specification. No new matter has been added.

Attached is a marked up version of the changes made to the specification and claims by the current amendment. The attached page is captioned "VERSION WITH MARKINGS TO SHOW CHANGES MADE."

Applicant respectfully requests a timely Notice of Allowance be issued in this case. If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 650-326-2400.

Respectfully submitted,


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09/747,759-020350



VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE SPECIFICATION:

The paragraph beginning on page 4, line 20 has been amended as follows:

The security circuit may [encrypts] encrypt the unencrypted configuration data using the triple data encryption standard algorithm in a cipher block chaining mode algorithm.

IN THE CLAIMS:

37. (Amended) A method of operating a integrated circuit comprising:
receiving first encrypted configuration data [and a first security key] from a
network;

decrypting the first encrypted configuration data to obtain unencrypted
configuration data using a first security key using user programmed circuitry of the integrated
circuit; and

encrypting the unencrypted configuration data using a second security key and a
fixed security circuit of the integrated circuit to obtain second encrypted configuration data.

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